

Manchester, researchers confirmed that the appearance of green roofs in the city contributes to a significant decrease in temperature: “Greening all the roofs in the city can have a significant impact on surface heating, reducing average day and night temperatures relative to the last forty years, regardless of degree of air pollution. Greening roofs gives the greatest effect ... in areas with dense buildings and with insufficient amount of evaporated moisture. In other words, the maximum effect is observed in urban centers”.

All in all, green roofs are very important nowadays. They absorb rainwater, provide protection from city noise and cold, and extend the life of the roofs themselves, saving them from the weather effects. Green roofs allow to reduce the need for artificial climate control systems, the cost of cooling buildings, the amount of water falling on the ground in the form of precipitation and absorb noise. They reduce day and night temperatures, regardless of degree of air pollution in cities, which is very important.

ECO-FRIENDLY BUILDING

Aliona Nos, student

Diana Moskalenko, student

Zubenko Svitlana Oleksandrivna, Associate professor, PhD (Philology),
Language Consultant

O. M. Beketov National University of Urban Economy in Kharkiv

An eco-friendly house is a house that ensures that both the fabric of the building and the family that live there have as minimum negative impact on the environment as possible. This means that a wide number of things need to be taken into consideration:

Size. A small home built with eco-friendly techniques is going to have smaller environmental impact as against a large home.

Energy efficiency. Energy efficiency - a modern eco-friendly house should be as energy efficient as possible. This means using energy saving options such as efficient home heating systems.

Well insulated house. Good insulation is also key to the efficient running of a green home. Heating and cooling account for 50% of your home's energy consumption.

Water conservation. Water conservation - saving water and reducing water consumption is an important part of green living. Install a rainwater harvesting system while building your green home to collect rainwater from roofs and then storing it in a tank. The collected water can then be used for other purposes such as toilets and sprinkler systems. Rain barrels are one of the most common methods of rainwater harvesting being used today.

Alternative energy. There are many ways of generating energy at home. Developments in solar power, for instance, have meant that it is now possible to generate electricity from the sun on even overcast days.

Building materials. Eco friendly building materials are necessary for a green home. This means that, where possible, materials are sourced from sustainable supplies and are produced with a minimum carbon footprint. This might include using recycled materials such as recycled wood or recycled rubber flooring.

Reduce, Reuse, Recycle. Reduce your need for buying new products that are not environment friendly.

To Trade, to the way of life and food wastes actively influence on ecological factors, furthermore render substantial influence on living organisms. First of all it belongs in the complement of atmospheric air. In an atmosphere gaseous and hard wastes come as a result of combustion of fuel and various technological processes.

Utilization of food wastes in the production of building material of Utilization of food wastes for building will promote cyclic to the economy, in that organic wastes will not be thrown out on dumps, but will begin to be of the use.

In conclusion you get a lot of natural lighting, very high quality of air, healthy and soothing indoor environment and natural temperature regulation. These are just some of the standard benefits for eco-friendly house users, and there are quite a lot more.

References:

1. Deepthi Vaishnavy (Jul 25, 2013). Green building and architecture [Web log post]. Retrieved March 17, 2019, from <https://www.slideshare.net>
2. John Wolfendale (September 1, 2009). 10 of the World's Best Eco Houses [Web log post]. Retrieved March 17, 2019, from <https://johnwolfendale.wordpress.com>
3. Christie's International Real Estate (March 14, 2018). The Top Ten Eco-Friendly Features for Today's Luxury Homes architecture [Web log post]. Retrieved March 17, 2019, from <https://www.christiesrealestate.com>

THE RELEVANCE OF THE FORMATION OF THE BICYCLE TRANSPORT STRUCTURE IN THE LARGEST CITY

Diana Orel, student

Larysa Martyshova, Associate professor, PhD in Architecture, Research Advisor

Olena Iliencko, Associate Professor, PhD (Philology), Language Consultant

O. M. Beketov National University of Urban Economy in Kharkiv.

Nowadays, urban space is distributed very disproportionately to the number of participants in the movement, "imposed on man (auto) mobility" leads to increased costs (from material to time) to overcome distances to newly created cultural and residential facilities located on the periphery of cities. This means that, in general, one of the most important urban tasks of a modern city today is improving the conditions of transport accessibility, unification of urban space,